

Recombinant Mouse LBP

CATALOG #:	4936-10	10 µg
SOURCE:	CHO-cells	
PURITY:	> 95% SDS-PAGE analyses Endotoxin level is <0.1 ng per µg.	
MOL. WEIGHT:	64 kDa	
FORM:	Lyophilized from a concentrated protein solution (1 mg/ml) containing PBS, pH 7.2	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in 10 µl of ultra-pure distilled water. This solution can then be diluted into other aqueous buffers and stored at -20°C or -70°C for future use.

STORAGE CONDITIONS:

The lyophilized protein is best-stored desiccated below 0°C. Reconstituted mouse-LBP should be stored in working aliquots at -20°C. For long term storage it is recommended to add a carrier protein (10% BSA). Repeated freezing and thawing should be avoided!!!

DESCRIPTION:

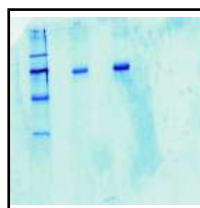
Natural LBP is a 58KD glycoprotein produced in liver. It binds at lipid A of LPS with high affinity (10^{-9} M) and reduced the cellular LPS effects at CD14⁺ cells (IL1 β , IL6, TNF α). It acts as opsonin for GRAM negative cells, LPS, neutrophils and granulocytes. This is a His-tagged protein.

BIOLOGICAL ACTIVITY:

Up to 2 µg/ ml LBP mediates binding of FITC-LPS (0.5µg/ml) to CD14⁺CHO transfectants (2 x 10⁶/ml)

GEL IMAGE:

-64 kDa



1 µg 2 µg

RELATED PRODUCTS:

- Recombinant Human LBP (**Cat. No.4935-10**)
- FABP1, human recombinant (**Cat. No.4501-25, 100, 1000**)
- FABP3, human recombinant (**Cat. No.4503-100**)
- ABP4, human recombinant (**Cat. No.4504-25,100, 1000**)
- FABP5, human recombinant (**Cat. No.4505-25, 100, 1000**)
- FABP7, human recombinant (**Cat. No.4507-25, 100, 1000**)
- HDLBP Antibody (**Cat. No.3853-100**)
- HDLBP Peptide (**Cat. No.3853BP-50**)

FOR RESEARCH USE ONLY! Not to be used in humans.